

Title (en)

Anti-idiotypic antibodies neutralising the inhibiting activity of an inhibiting antibody directed against domain C1 of factor VIII

Title (de)

Anti-idiotypische Antikörper, die die Hemmungsaktivität eines hemmenden Antikörpers neutralisieren, der auf die C1-Domäne des Faktors VIII ausgerichtet ist

Title (fr)

Anticorps anti-idiotypiques neutralisant l'activité inhibitrice d'un anticorps inhibiteur dirigé contre le domaine C1 du facteur VIII

Publication

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Application

EP 09002329 A 20070226

Priority

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Abstract (en)

Monoclonal anti-idiotypic antibodies (Ab) directed against a human antibody (Ab2) that inhibits factor VIII (F8), where Ab2 is directed against the C1 domain of F8 is new. In Ab (i) at least one complementarity-determining region (CDR) of each light chain includes a peptide sequence at least 70% identical with SEQ ID NOs: 12, 13 or 14 and (ii) at least one CDR of each heavy chain includes a peptide sequence at least 70% identical with SEQ ID NOs: 9, 10 or 11. Arg-Ala-(Ser) 3-Val-Ser-Tyr-Met-Asn (12) Ala-Thr-Ser-Asn-Leu-Ala-Ser (13) Gln-Gln-Trp-Ser-Ser-Asn-Pro-Pro-Met-Leu-Thr (14) Gly-Tyr-Thr-Phe-Thr-Thr-Tyr-Trp-Met-His (9) Tyr-Ile-Asn-Pro-Thr-Ser-Gly-Tyr-Thr-Glu-Tyr-Asn-Gln-Asn-Phe-Lys (10) Ser-Gly-Ala-Tyr-Tyr-Arg-Tyr-Asp-Asp-Ala-Met-Asp-Ser (11). Independent claims are included for the following: (1) stable cell lines that produce Ab; (2) hybridoma 18D6 (CNCM I-3559); and (3) DNA fragments Seq. (15) and (16) (of 325 and 367 bp; reproduced) that encode the variable regions of, respectively, the heavy and light chains of Ab. ACTIVITY : Hemostatic. No details of tests for hemostatic activity are given. MECHANISM OF ACTION : Inhibition of autoantibodies that inactivate factor VIII.

Abstract (fr)

La présente invention se rapporte à un anticorps monoclonal anti-idiotypique dirigé contre un anticorps inhibiteur du facteur VIII se liant au domaine C1 du facteur VIII, ainsi qu'à une lignée cellulaire produisant cet anticorps monoclonal anti-idiotypique, à l'utilisation de cet anticorps monoclonal anti-idiotypique comme médicament, et plus particulièrement à son utilisation pour la fabrication d'un médicament destiné au traitement de l'hémophilie A.

IPC 8 full level

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CPC (source: EP KR US)

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